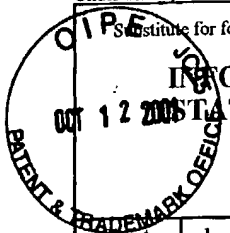


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 <p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>		Complete if Known	
		Application Number	09/440,371
		Filing Date	November 12, 1999
		First Named Inventor	BLACKBURN et al.
		Group Art Unit	1643
Examiner Name	Not Yet Assigned		
Attorney Docket Number	A-66566-3/RFT/RMS/RMK		
Sheet	1	of	5

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
Gn	1	4,704,193		Bowers et al.	11/1987	
	2	4,945,045		Forrest et al.	07/1990	
	3	5,089,112		Skothheim et al.	02/1992	
	4	5,180,968		Bruckenstein et al.	01/1993	
	5	5,242,828		Bergstrom et al.	09/1993	
	6	5,356,786		Heller et al.	10/1994	
	7	5,391,272		O'Daly et al.	02/1995	
	8	5,436,161		Bergstrom et al.	07/1995	
	9	5,443,701		Willner et al.	08/1995	
	10	5,552,270		Khrapko et al.	9/1996	
	11	5,700,667		Marble et al.	12/1997	
	12	5,741,700		Ershov et al.	4/1998	
	13	5,756,050		Ershov et al.	5/1998	
	14	5,770,721		Ershov et al.	6/1998	

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		Office ³	Number ⁴	Kind Code ² (if known)				
gn	15	WO	86/05815	A1	Genetics International Inc.	3/1985		
gn	16	WO	97/31256	A3	Cornell Research Found.	08/1997		
gn	17	WO	97/44651	A1	Australian Membrane and Biotechnology Research Institute	11/1997		
gn	18	WO	97/27329	A1	Univ. of Chicago	7/1997		
gn	19	WO	97/41425	A1	Pence Inc.	11/1997		
gn	20	WO	98/27229	A1	Univ. of Chicago	6/1998		
gn	21	WO	98/28444	A2	Univ. of Chicago	7/1998		
gn	22	WO	98/51823	A1	Mosaic Technologies	11/1998		

Examiner Signature	<i>Alb. Naghera</i>	Date Considered	02/23/04
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Sheet

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Attorney Docket Number	A-66566-3/RFT/RMS/RMK

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an	23	5,795,453		Gilmartin	08/1998	
an	24	5,824,473		Meade et al.	10/1998	
an	25	5,837,859		Teoule et al.	11/1998	
an	26	5,849,486		Heller et al.	12/1998	
an	27	5,851,772		Mirzabekov et al.	12/1998	
an	28	5,952,172		Meade et al.	09/1999	
an	29	6,060,023		Maracas	05/2000	
an	30	6,060,327		Keen	05/2000	
an	31	6,096,273		Kayyem et al.	08/2000	
an	32	6,071,699		Meade et al.	06/2000	
an	33	6,087,100		Meade et al.	07/2000	
an	34	6,096,825		Garnier et al.	08/2000	
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an	37	6,180,352		Meade et al.	01/2001	
an	38	6,238,870		Meade et al.	05/2001	
an	39	6,200,761		Meade et al.	03/2001	
an	40	5,194,133		Clark et al.	03/1993	
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an	42	5,785,789		Gagnon et al.	07/1998	
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		Office ³	Number ⁴	Kind Code ² (if known)				
an	44	WO	98/57159	A1	Clinical Micro Sensors, Inc.	6/1997		
an	45	WO	98/57319	A1	Clinical Micro Sensors, Inc.	11/1999		
an	46	WO	99/29711	A1	Nanogen Inc.	06/1999		
an	47	WO	99/67425	A2	Clinical Micro Sensors, Inc.	12/1999		
an	48	WO	99/37819	A2	Clinical Micro Sensors, Inc.	07/1999		
an	49	JP	6-41183	A2	Mitsubishi Chem Ind.	1997		

Examiner Signature	<i>Alb. Nagerola</i>	Date Considered	2/23/04
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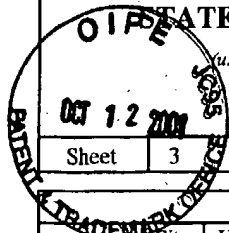
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/440,371
		Filing Date	November 12, 1999
		First Named Inventor	BLACKBURN et al.
		Group Art Unit	1643
		Examiner Name	Not Yet Assigned
Attorney Docket Number	A-66566-3/RFT/RMS/RMK		
Sheet	3	of	5



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		Number	Kind Code ² (if known)					
an	50	6,020,047		Everhart	02/2000			
an	51	6,203,758		Marks et al.	03/2001			
an	52	5,064,618		Baker et al.	11/1991			
an	53	5,098,781		Minnick et al.	03/1992			
an	54	5,106,751		Newman	03/1992			
an	55	5,505,321		Caron et al.	03/1996			
an	56	5,532,128		Eggers et al.	07/1996			
an	57	5,552,270		Kraphko et al.	09/1996			
an	58	5,657,208		Noe et al.	08/1997			
an	59	5,694,932		Michel	08/1999			
an	60	5,727,548		Hill et al.	03/1998			
an	61	5,741,700		Ershov et al.	04/1998			

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		Office ³	Number ⁴	Kind Code ² (if known)				
an	62	WO	93/22678			11/1993		

Examiner Signature	<i>Cliff Nagler</i>	Date Considered	02/23/04
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Sheet 1 of 5

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Application Number	09/440,371
Filing Date	November 12, 1999
First Named Inventor	BLACKBURN et al.
Group Art Unit	1643
Examiner Name	Not Yet Assigned
Attorney Docket Number	A-66566-3/RFT/RMS/RMK

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
an	63	Blonder et al., "Three-dimensional Redox-Active layered Composites of Au-Au, Ag-Ag and Au-Ag Colloids," Chem. Commun. 1393-1394 (1998).	
an	64	Boon et al., "Mutation Detection by Electrocatalysis at DNA- Modified Electrodes," Nature Biotechnology, 18: 1096-1100 (October 2000).	
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an	76	Mitchell et al., "Programmed Assembly of DNA Functionalized Quantum Dots," J. Am. Chem. Soc., 121:8122-8123 (1999).	
an	77	Mucic et al., "DNA-Directed Synthesis of Binary Nanoparticle Network Materials," J. Am. Chem. Soc., 120:12674-12675 (1998).	

Examiner Signature	<i>Ch. Nagler</i>	Date Considered	02/23/04
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				Application Number	09/440,371
				Filing Date	November 12, 1999
				First Named Inventor	BLACKBURN et al.
				Group Art Unit	1643
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	A-66566-3/RFT/RMS/RMK

[illegible]

Examiner Signature	<i>Al. Hagerola</i>	Date Considered	<i>02/23/04</i>
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